

Listing of Claims:

1. (Original) A method of adhering roofing material to a roof deck, comprising;
 - A. applying a one-part, moisture curable, foaming, polyurethane adhesive composition, consisting essentially of;
 - i. an isocyanate terminated prepolymer prepared from at least one organic polyisocyanate and at least one composition containing at least two isocyanate reactive moieties, and
 - ii. a reversibly blocked catalyst, consisting essentially of; the addition product of a sulfonyl isocyanate and a tertiary amine and/or a tin (II) or tin (IV) carboxylate composition; to a roof deck;
 - B. positioning the roofing material on the deck with sufficient pressure to seat the roofing material in the polyurethane adhesive composition; and
 - C. allowing the polyurethane composition to foam, fill and cure.
2. (Original) The method of adhering roofing material as claimed in claim 1, where prior to applying the polyurethane adhesive composition to the roof deck, the roof deck is misted with water.
3. (Original) The method of adhering roofing material as claimed in claim 1, where prior to applying the polyurethane adhesive composition to the roof deck, the roof deck is misted with an acidic, aqueous solution.

4. (Original) The method of adhering roofing material as claimed in claim 1, where the organic polyisocyanate is diphenylmethane diisocyanate.
5. (Original) The method of adhering roofing material as claimed in claim 1, where the composition containing at least two isocyanate reactive moieties is a polyether polyol free of nitrogen.
6. (Original) The method of adhering roofing material as claimed in claim 1, where the reversibly blocked catalyst is the reaction product of a sulfonyl isocyanate, a tertiary amine, and a tin(II) or tin(IV) carboxylate composition.

7. (New) A method of adhering roofing material to a roof deck comprising:

applying to said roof deck a one part moisture curable foaming polyurethane

adhesive composition consisting essentially of:

an isocyanic terminated pre-polymer prepared from at least one organic polyisocyanate and at least one composition containing at least two isocyanate reactive moieties; and

a reversibly blocked catalyst consisting essentially of the addition product of a sulfonyl isocyanate and at least one of the group consisting of a tertiary amine, a tin (II) structural unit and a tin (IV) structural unit;

positioning roofing material on the deck with sufficient pressure to seat the roofing material in the polyurethane adhesive composition; and

allowing the polyurethane composition to foam, fill and cure.

8. (New) The method of adhering roofing materials claimed in claim 7 wherein prior to applying the polyurethane adhesive composition to the roof deck, the roof deck is misted with water.

9. (New) The method of adhering the roofing materials claimed in claim 7 wherein prior to applying the polyurethane adhesive composition to the roof deck the roof deck is misted with an acidic aqueous solution.

10. (New) The method of adhering the roofing material as claimed in claim 7 wherein the organic polyisocyanate is diphenyl-methane diisocyanate.

11. (New) The method of adhering roofing materials claimed in claim 7 wherein a composition containing at least two isocyanate moieties is a polyetherpolyol free of nitrogen.

12. (New) The method claimed in claim 7 wherein said reversibly blocked catalyst consists essentially of the addition product of a sulfonyl isocyanate and at least two of the group consisting of a tertiary amine, a tin (II) structural unit and a tin (IV) structural unit.

13. (New) The method claimed in claim 7 wherein said reversibly blocked catalyst consists essentially of the addition product of a sulfonyl isocyanate and a tertiary amine and a tin (II) structural unit and a tin (IV) structural unit.